

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/575,992 Confirmation No. 8902  
Applicant (s) : Robert E. Hefner JR.  
Filed : 04/17/2006  
TC/A.U. : 1796  
Examiner : Melissa Winkler  
Title : MULTIFUNCTIONAL MONOMERS CONTAINING BOUND  
MESOGENIC PORAGEN FORMING MOIETIES AND  
POLYARYLENE COMPOSITIONS THEREFROM  
  
Docket No. : 62927A  
Customer No. : 00109

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

RESPONSE TO ELECTION OF SPECIES REQUIREMENT

The Official Action dated March 27, 2008, set forth an election of species requirement. Specifically, the Examiner requested that L and Z be identified. Applicants hereby elect the species as set forth on page 43 of the application. Thus, L is -C=O, there are two cyclopentadienone ring groups, Z in two occurrences on each cyclopentadienone ring group is phenyl-acetylene-phenyl-, Z in one occurrence on each cyclopentadienone ring group is -phenyl-(CH<sub>2</sub>)<sub>2</sub>-(C=O)-M, and Z in one occurrence is a diphenylene ether linking the two cyclopentadienone groups.

Claims 1-4 encompass this species and claims 5 and 6 encompass polymer and porous matrix, respectively, formed from such a monomer.

Respectfully submitted,

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SMZ/ab